

Module Details	
Module Title:	Preparing for Research
Module Code:	RES7013-C
Academic Year:	2019-20
Credit Rating:	30
School:	School of Allied Health Professions and Midwifery
Subject Area:	Research (Allied Health Professions)
FHEQ Level:	FHEQ Level 7 (Masters)
Pre-requisites:	
Co-requisites:	

Contact Hours	
Type	Hours
Lectures	15
Seminar	5
Practical classes and workshops	15
Tutorials	2
Directed Study	263

Availability	
Occurrence	Location / Period
BDA	University of Bradford / Semester 1 (Sep - Jan)
BDB	University of Bradford / Semester 2 (Feb - May)

Module Aims
Advance student knowledge and understanding of the features of quantitative and qualitative research, including ethical considerations, investigation, evaluation, analysis and synthesis in order to equip them with skills to undertake a viable, small, primary research, work based project or systematic review. Enable students to understand and investigate research theory including, the research question, specification of investigative objectives, study design, data collection methods and analysis.

Equip students with the skills to interpret and critique primary data using recognised tools and frameworks.

Facilitate dissemination of findings to wider health and social care groups.

Outline Syllabus

Designing and critiquing research frameworks, selecting appropriate methodologies, the similarities and differences between competing orientations to research, their strengths and limitations.

Defining and formulating research problems, questions and hypothesis which are aligned to programme and subject specificity and approved by a topic expert.

Selection of appropriate research methods.

Sampling frameworks, power samples and sampling error. Bias-reduction strategies.

Methods of data collection: questionnaire, interviews, focus groups, case studies, observation.

Data management and extraction: revision of statistical tests and analytical frameworks: e.g. Chi square; Pearson correlation; Parametric and non-parametric tests; content/discourse/template analysis. Data extraction tools.

Research Governance & ethical approval processes.

Dissemination of research.

Learning Outcomes

1	Critically reflect on current professional knowledge and practice, conceptualise a health and social care related problem and formulate appropriate and viable research questions and project aims, determining study outcomes to be measured or evaluated which demonstrate originality of knowledge application.
2	Demonstrate a comprehensive awareness of primary and secondary research methods and rationale for the choice of research approach, study designs and the suitability, application and limitation of each within the context of health and social care research/enquiry/review and project planning.
3	Differentiate between different data types and demonstrate a comprehensive understanding of appropriate data display, analysis and evaluation approaches for use with each.
4	Critically evaluate and reflect on the ethical aspects of health and social care research.
5	Critically reflect on dissemination approaches and the appropriateness of dissemination medium and audience.

Learning, Teaching and Assessment Strategy

Key lectures will deliver core content; providing students with the opportunity to acquire a systematic understanding of the features of quantitative and qualitative research design, methods, analytical and extraction tools and ethical principles within the context of health and social care (LO 1,2,3,5). This will be complemented by the use of online learning materials which will provide students with a guided opportunity to evaluate their knowledge base and understanding of different research methods (LO1,2,3,5). Learning will be consolidated through seminars, tutorials and team based learning, enabling students to evaluate and apply their learning to their own field of study (LO 1,2,3,4,5).

To test students' knowledge and conceptual understanding of research principles and apply, evaluate and disseminate outcomes through essay and online examination.

Mode of Assessment

Type	Method	Description	Length	Weighting
Summative	Coursework	Research proposal for either a primary or secondary research project	-3500 words	70%
Summative	Computer-based assessment	A short answer online exam	1 hour	30%
Formative	Classroom test	Team based learning		%

Reading List

To access the reading list for this module, please visit <https://bradford.rl.talis.com/index.html>.

Please note:

This module descriptor has been published in advance of the academic year to which it applies. Every effort has been made to ensure that the information is accurate at the time of publication, but minor changes may occur given the interval between publishing and commencement of teaching. Upon commencement of the module, students will receive a handbook with further detail about the module and any changes will be discussed and/or communicated at this point.